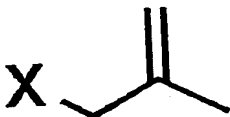


What is claimed is:

1. (1S)-1-Isobutoxymethyl-3-methylbutylamine.

2. A process for preparing (1S)-1-isobutoxymethyl-3-methylbutylamine which comprises reducing (1S)-1-(2-methyl-2-propenoxymethyl)-3-methylbutylamine.

3. A process for preparing (1S)-1-isobutoxymethyl-3-methylbutylamine which comprises the steps of:
reacting L-leucinol and a compound having the following formula:



in which X is a leaving group,

in the presence of a base, to give a (1S)-1-(2-methyl-2-propenoxymethyl)-3-methylbutylamine, and

reducing the (1S)-1-(2-methyl-2-propenoxymethyl)-3-methylbutylamine.